

## **CACHING AND ACCESSING RIGHTS IN A DISTRIBUTED COMPUTING SYSTEM**

### **Abstract**

5           A system and method for caching and accessing rights in a distributed  
computing system is disclosed. An agent, that is located on a Distributed  
Deputization Point (DPP) parses a directory service. The agent then updates  
the rights to an Access Control List (ACL) cache. The ACL cache then  
receives, from an authenticated user, a request for the rights. The ACL cache  
10       retrieves the rights and forwards them to the user. The user may now access  
certain resources based on the rights it has obtained the first time it accesses  
these resources. Additionally, if the user attempts to access certain resources  
that are not contained in the ACL cache, a resource manger is invoked which  
provides the access control rights for the missing resources to the ACL cache.

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